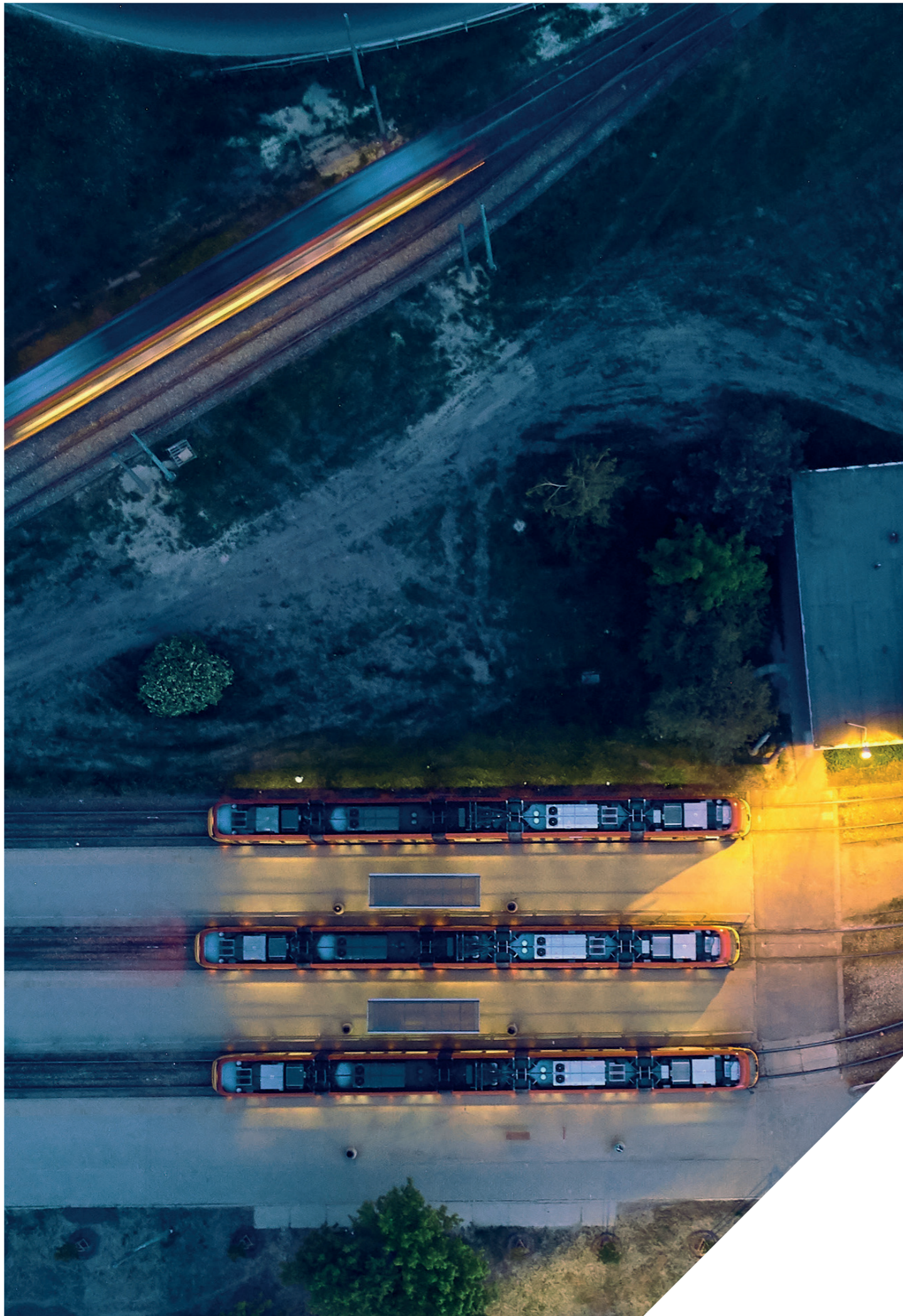


PEAK.DMS

The digital depot for your trams

Depot Management



Best possible availability for your vehicle fleet

As a transport operator, you face the challenge of providing your passengers with a reliable and punctual service around the clock. At the same time, you must ensure that all agreed transport services are consistently fulfilled. In short: your vehicle fleet must be available at all times to the greatest possible extent.

The challenges are diverse – ranging from planning and monitoring maintenance activities and demand-oriented train formation to the punctual provisioning of vehicles.

This is where our Depot Management System (DMS), PEAK.DMS, comes into play. The system digitalizes all depot processes and creates an end-to-end digital

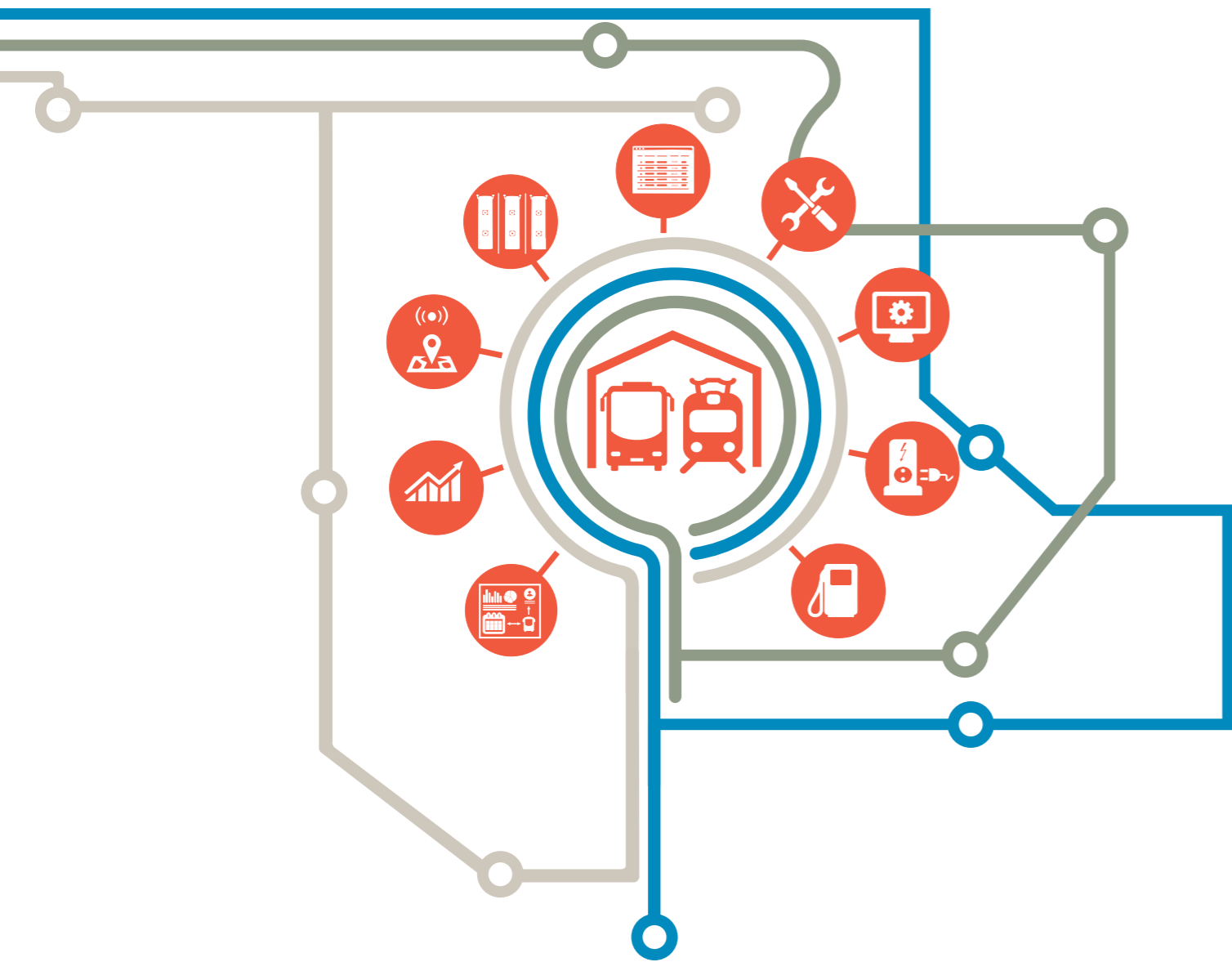
workflow, the ideal foundation for efficiently managing the complex requirements of depot operations.

PEAK.DMS ensures that your vehicles are optimally prepared for daily operations. It monitors and controls all depot processes – from arrival and servicing to maintenance, repair, and stabling – in a resource-efficient and cost-effective manner. Thanks to its intelligent, integrated dispatch optimization, the system identifies the best decisions within seconds, supporting dispatchers even in the event of unforeseen disruptions.

PEAK.DMS ensures smooth operations and the highest possible availability of your vehicle fleet.

Your advantages with PEAK.DMS

- AI-based and powerful scheduling
- Suitable for all drive types
- Integration of all vehicle fleets and fleet sizes
- Cloud-enabled
- Modular and scalable system
- Open interface
- Process optimization
- Transparency across all areas of the depot



Multiple tasks. Easily solved.

Thanks to its modular design, PEAK.DMS can be flexibly tailored to your project-specific requirements. Modules can be implemented individually or combined – and rolled out gradually to match your needs.



Vehicle identification, location tracking
Modern tracking methods enable precise location tracking of vehicles using various technologies.



Workshop and supply
The DMS manages workshop, maintenance, and supply work as well as malfunctions—either entered manually or transferred from the ERP system, including resource planning.



Parking space allocation
Depending on whether the vehicles are to be supplied, serviced, repaired, or used for the next trip, the DMS assigns parking spaces to the vehicles as they enter the depot, which are communicated to the drivers via radio or digital displays. Routes are set automatically via the connection to the route and switch control system – vehicles drive directly to the destination track without waiting.



Dispatching
Dispatching ensures that vehicles are optimally positioned for all routes in the depot. If a vehicle breaks down, a new dispatch is automatically initiated in real time – controlled by an intelligent optimization algorithm. Dispatching can be carried out manually, semi-automatically, or fully automatically.



Operation
All system information is displayed in the form of an operating screen or in tabular views. This provides an up-to-date overview of, for example, parking space capacities, vehicle locations and statuses, and the functionality of the infrastructure.



Quality management
All operating data can be evaluated, displayed in standard reports and statistics, and automatically exported to external systems. This allows you to keep track of your KPIs at all times. Additional reports can be flexibly configured by yourself.



Driver information
The DMS records service notifications, attendance, and route allocations, thereby fulfilling documentation requirements. Drivers receive information about services, routes, and vehicles via terminals, displays, or mobile devices. Dispatchers can see punctual departures in the system.



Let's get easy-started

Transition from the analog to the digital world in just a few weeks

We offer our PEAK.DMS as a basic system for quick and easy entry into digital depot management. It initially provides a visual representation of the areas of vehicle parking, supply, and dispatching and can be expanded in a modular way to become a fully automated solution. Driving and duty roster data are transferred from existing systems via standard interfaces and form the basis for dispatching.

With our basic DMS, you are introducing a system that is based on the requirements of public transport and maps standard processes. Rollout to other depots or vehicles is possible without any problems.

Introduction in three steps - it's that easy

1 You procure the interfaces from your standard supplier and configure the master data for your drivers and vehicles—we deliver the system. The software installation and the connection of databases and interfaces can be carried out independently based on check-lists.

2 Master data is imported or entered, interfaces are configured, and the operating screen is created.

3 After training your team, the system can be used in daily operations after just eight weeks. We will of course be on hand to advise you during the system implementation and later during operation.

After installation and configuration, you have taken the first step toward the digitalization of your depots. You will work with fewer interfaces, and the system can be expanded with numerous ready-to-use modules.

How you benefit!

- Provision of a tried-and-tested basic function package
- Modular expandability for growing requirements
- Higher vehicle availability



